

Dulles Air Cargo & Passenger Access Road

Board of Supervisors Public Input Session

Briar Woods High School

June 2, 2014

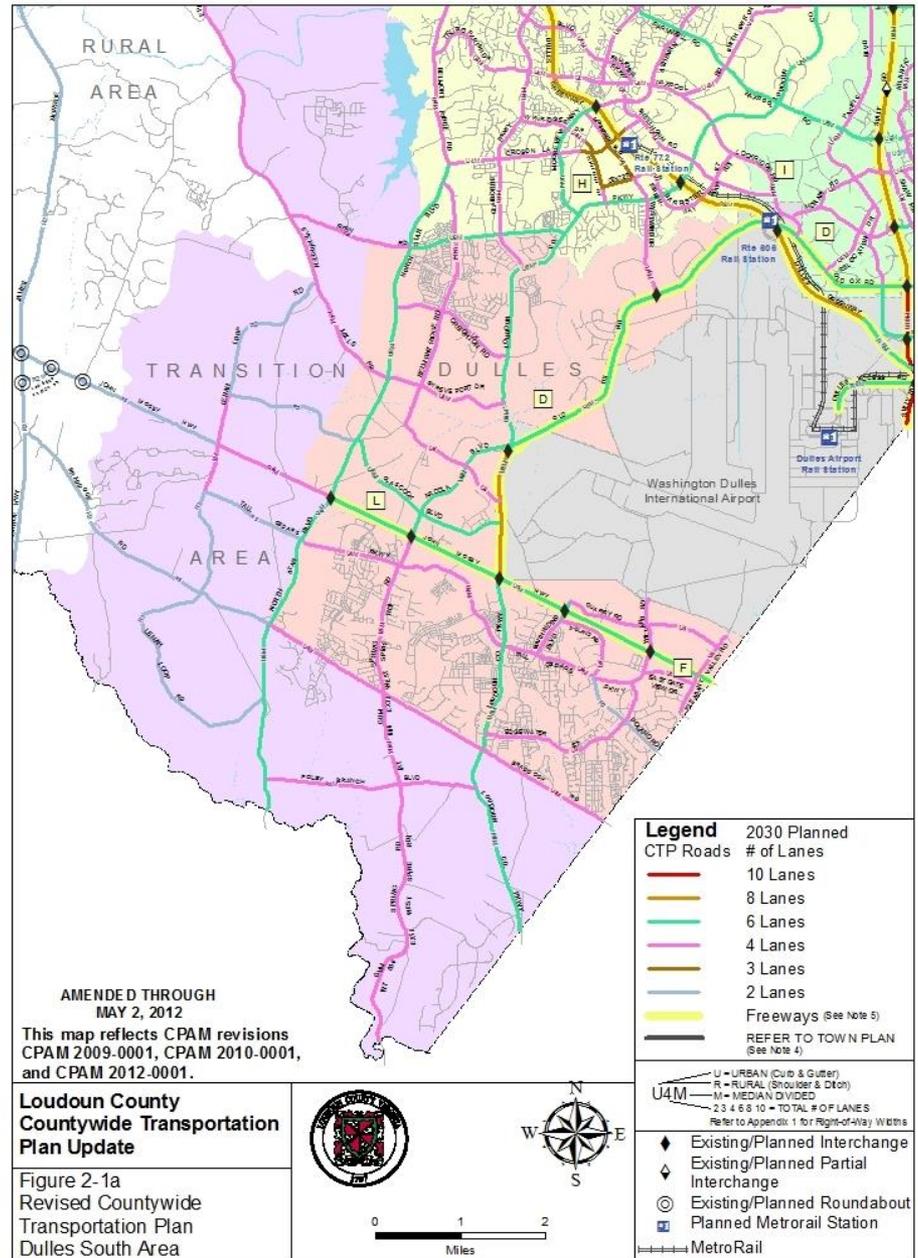


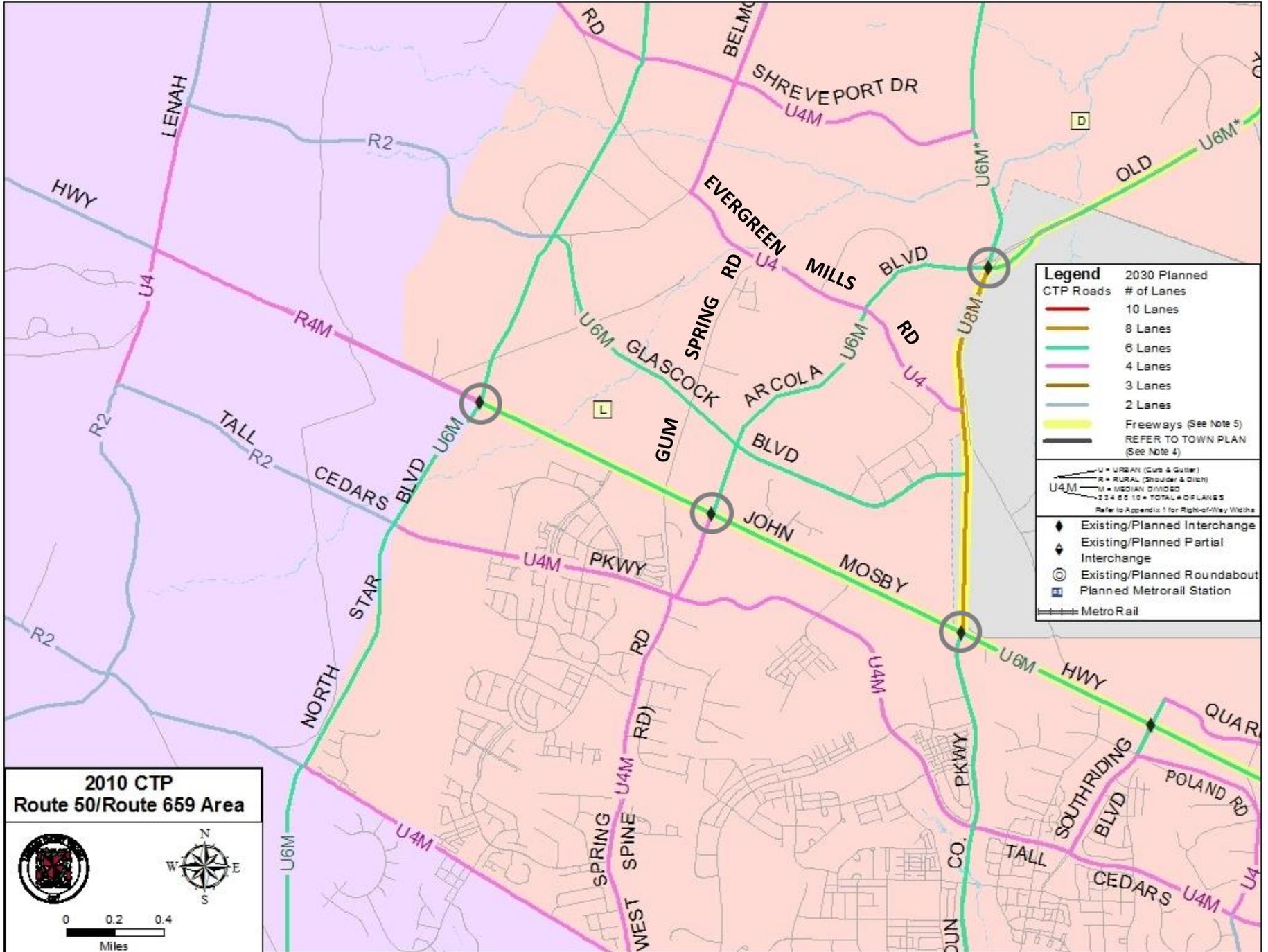
- Overview of Tonight's Presentation
 - Summary of Countywide Transportation Plan (CTP)
 - Specifics of CTP planned conditions for Route 50, Route 606, Northstar Boulevard, Shreveport Drive, Loudoun County Parkway, Arcola Boulevard, Evergreen Mills Road and Route 50 North and South Collector Roads
 - County observations relating to VDOT's Environmental Assessment (EA) for Dulles Air Cargo Road
 - Questions



Countywide Transportation Plan (CTP)

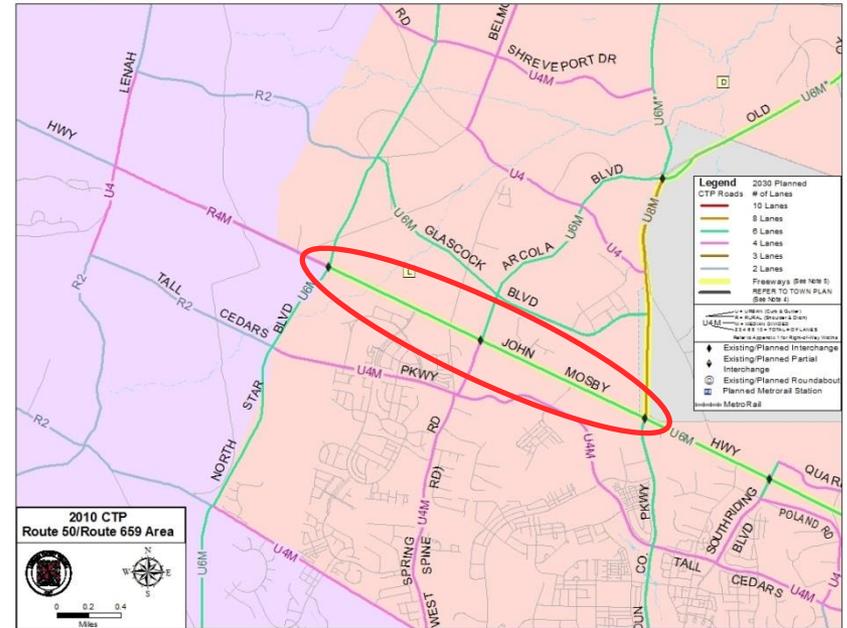
- 2030 Horizon Year
- Current CTP Adopted in 2010; updates in 2011, 2012 & 2013
- Since 1995 – Planned CTP Road Network has included Route 50 as limited access roadway east of future Northstar Boulevard with north and south collector roads for local traffic
- Since 2010 – Planned CTP Road Network has included Route 606 as limited access roadway north of Route 50 (“Dulles Loop”)



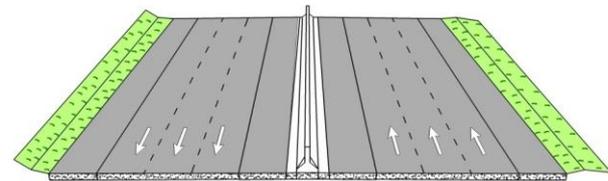


• **Route 50**

- 2.3 mile segment
- Planned 6-lane limited access arterial roadway
- Interchanges planned at
 - Northstar Boulevard
 - Gum Spring Road/Arcola Boulevard
 - Loudoun County Parkway
- East of Stone Springs Blvd, currently 3 lanes eastbound
- Third westbound lane proffered by Dulles Landing, Arcola Center and Glascock Field at Stone Ridge

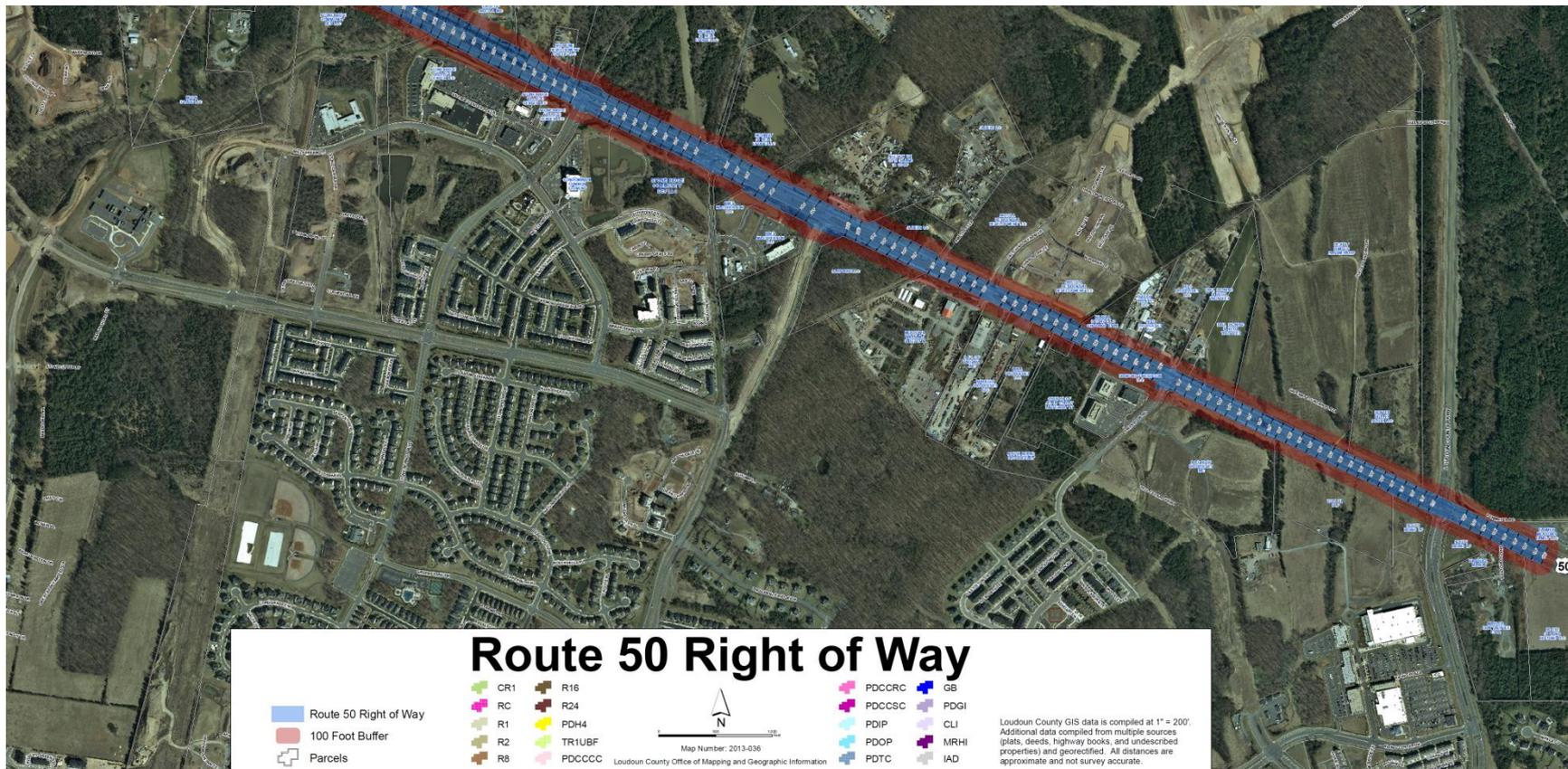


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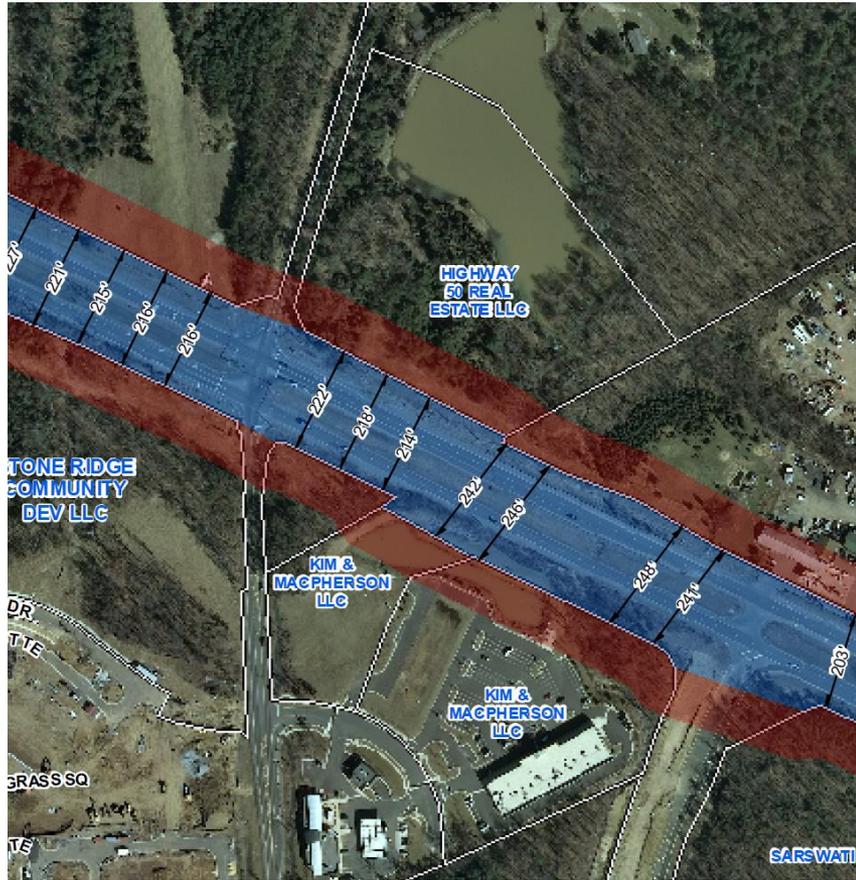
URBAN FREEWAY SIX-LANE CONCRETE BARRIER DIVIDED SECTION WITH SHOULDERS AND DITCHES





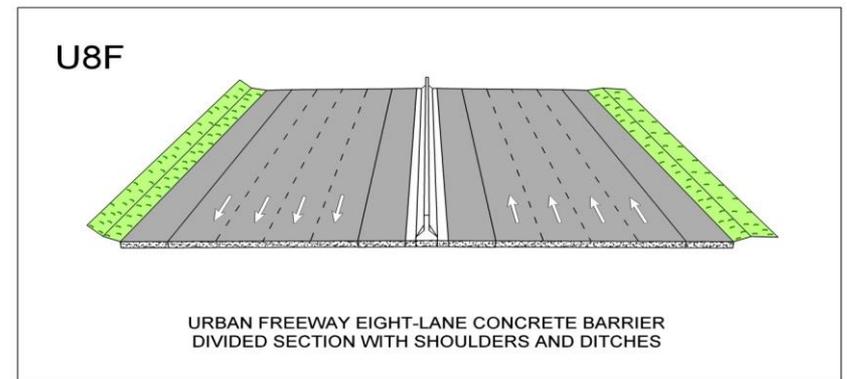
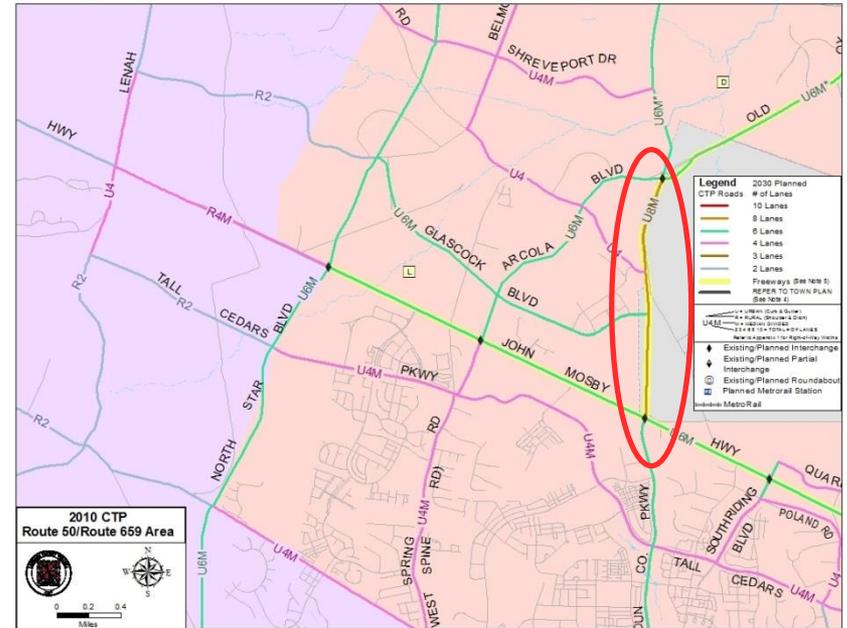
Loudoun County

VIRGINIA
WHERE TRADITION MEETS INNOVATION

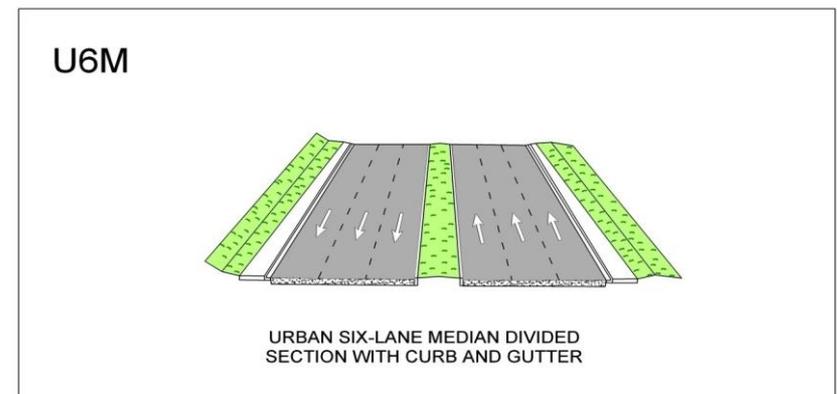
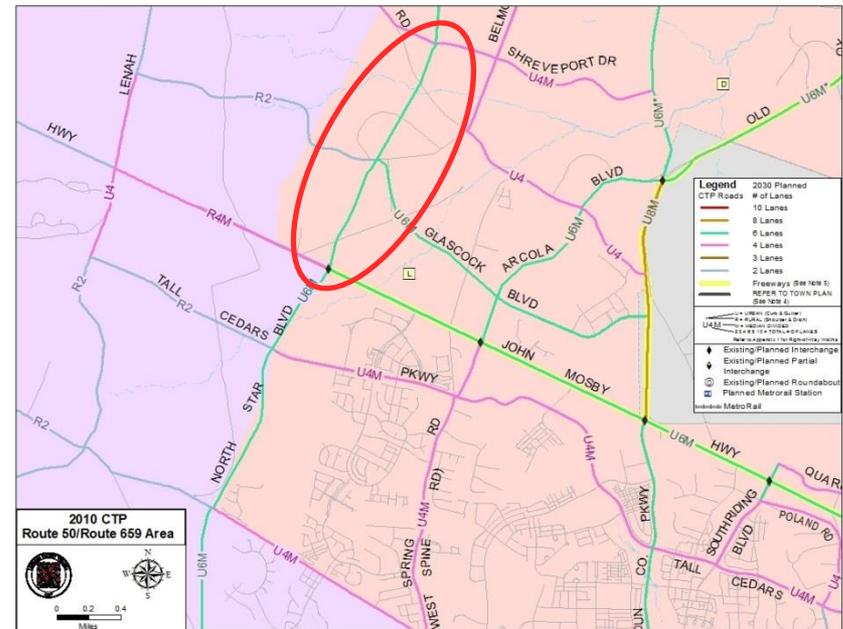


• **Route 606**

- Planned 8-lane limited access arterial roadway between Route 50 and Arcola Boulevard
- Interchanges planned at
 - Route 50
 - Loudoun County Parkway / Arcola Boulevard
- Currently 4 lanes south of Evergreen Mills Road, 2 lanes north of Evergreen Mills Road
- County, MWAA and VDOT funding 4-lane widening from Evergreen Mills Road north to Dulles Greenway (anticipated completion 2017)

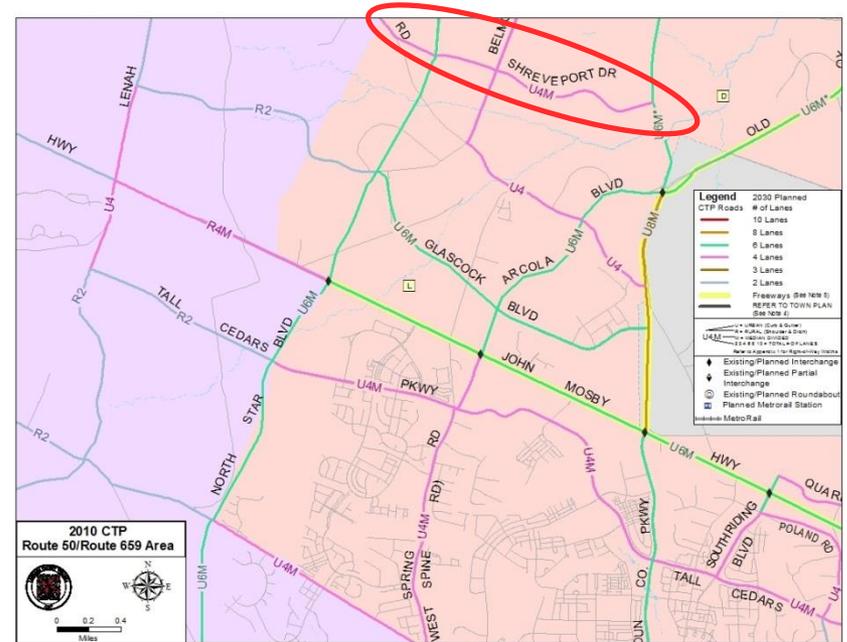


- **Northstar Boulevard**
 - Planned 6-lane controlled access arterial roadway between Route 50 and Shreveport Drive
 - Included in County’s adopted FY 15-20 CIP (funding for 4 lanes identified in FY 19)

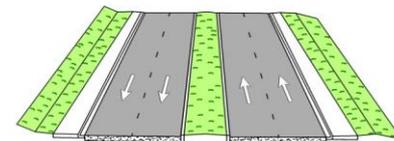


- **Shreveport Drive**

- Planned 4-lane controlled access collector roadway
- Currently under construction by Brambleton
- Anticipated completion TBD



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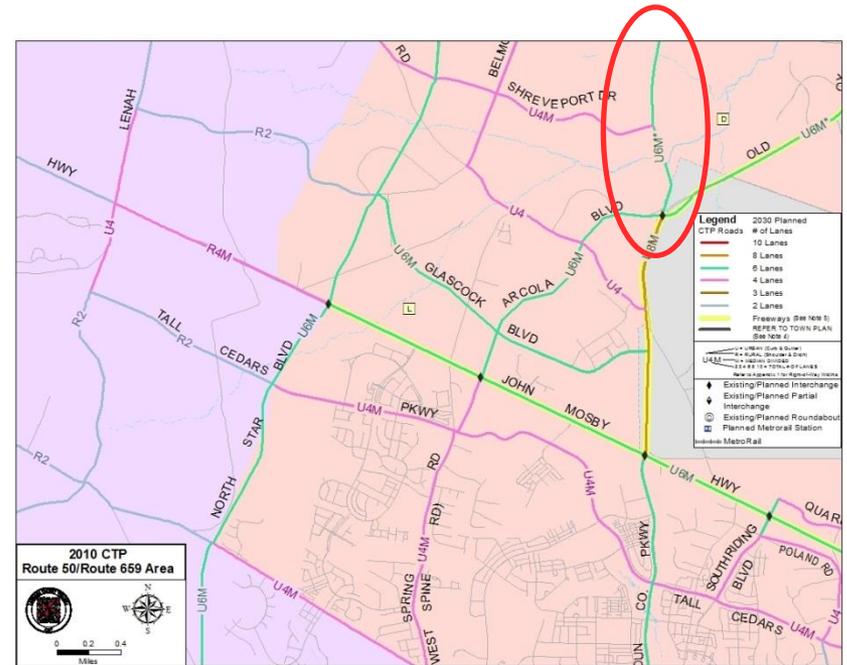


URBAN FOUR-LANE MEDIAN DIVIDED SECTION WITH CURB AND GUTTER

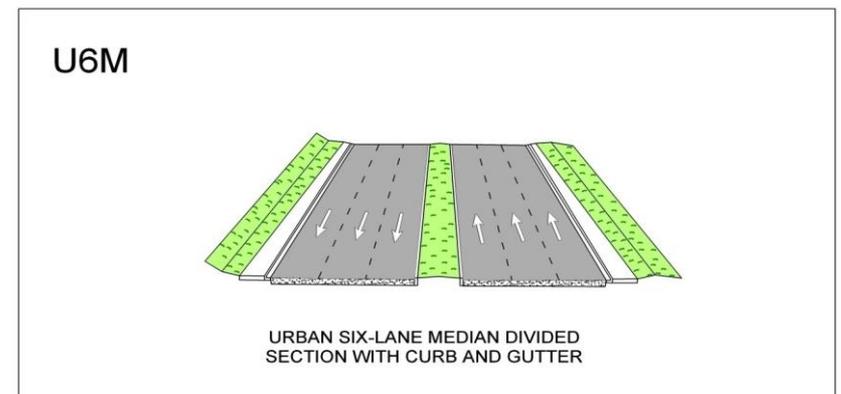
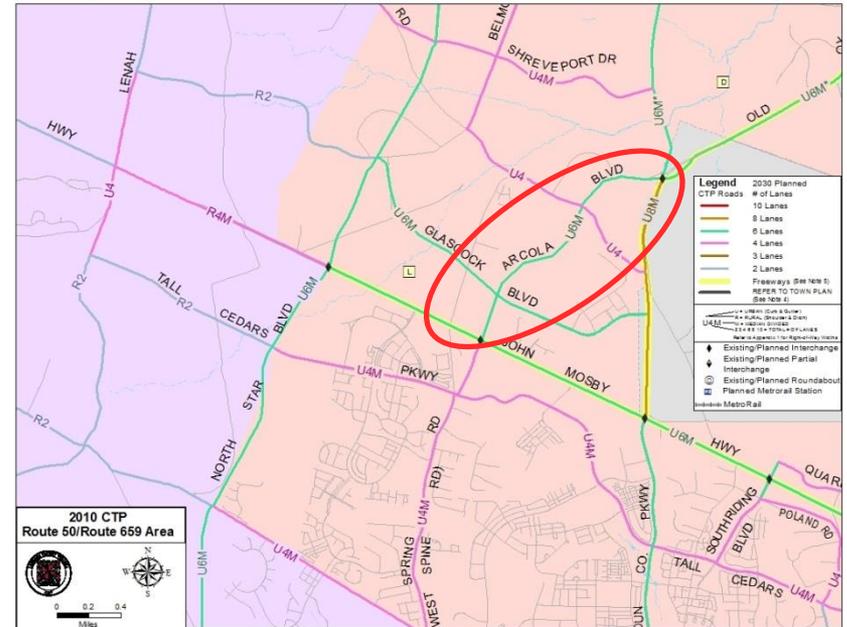


• **Loudoun County Parkway**

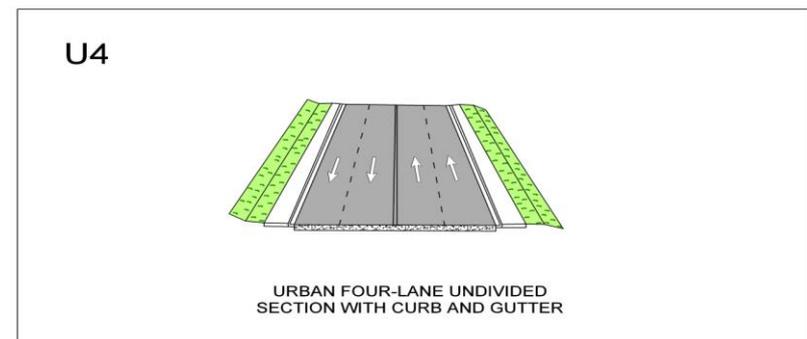
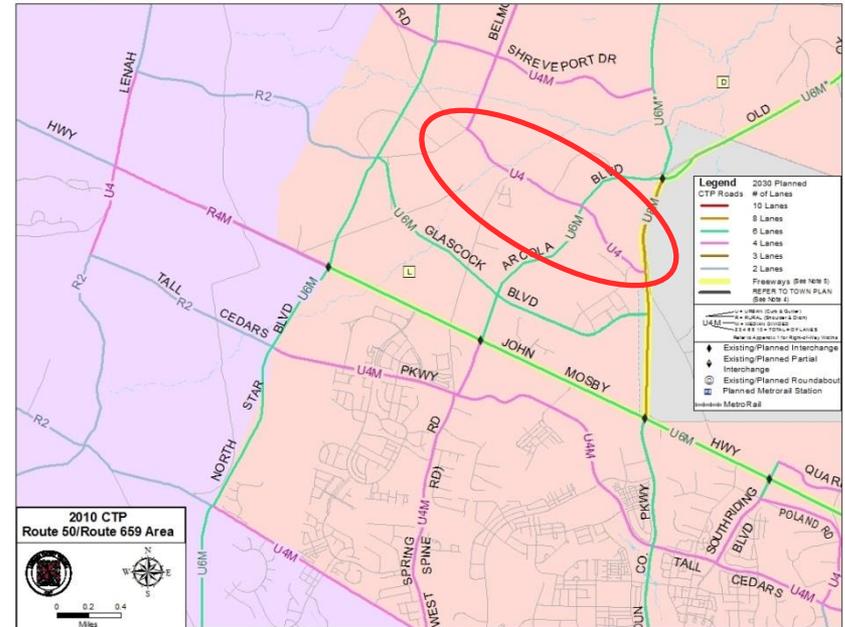
- Planned 6-lane controlled access arterial roadway
- 4-lane section between Evergreen Ridge Drive and Creighton Road under construction by Toll Brothers
- 4-lane section between Creighton Road and Route 606 under construction by Brambleton
- Anticipated completion of both segments TBD
- Creighton Road to Route 606 segment included in County’s adopted FY 15-20 CIP (funding for 4 lanes identified in FY 17)



- **Arcola Boulevard**
 - Planned 6-lane controlled access collector roadway
 - Proffered by Arcola Center and Brambleton
 - Construction proffers not yet triggered
 - Included in County's adopted FY 15-20 CIP (funding for 4 lanes identified in FY 20)

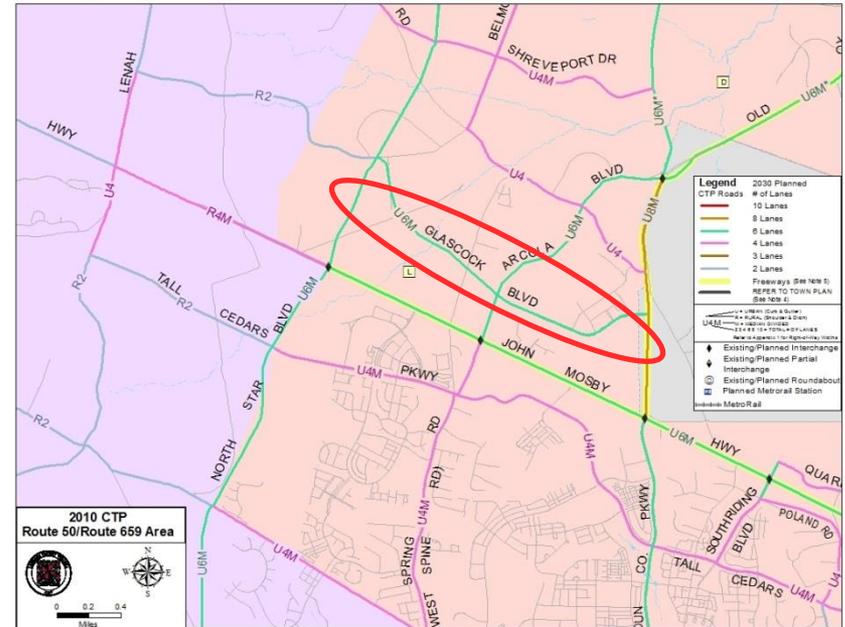


- **Evergreen Mills Road**
 - Planned 4-lane local access collector roadway between Belmont Ridge Road and Loudoun County Parkway
 - Currently 2 lanes
 - Widening along Arcola Center frontage proffered but not yet triggered

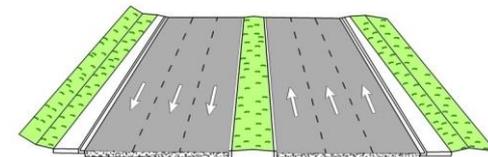


- **Route 50 North Collector Road (Dulles South Parkway)**

- Planned 6-lane controlled access roadway
- Proffered by Dulles Landing, Arcola Center and Glascock Field at Stone Ridge
- 4-lane section near Loudoun County Parkway under construction by Dulles Landing and Arcola Center
- Included in County's adopted FY 15-20 CIP (funding for 4 lanes identified in FY 20)



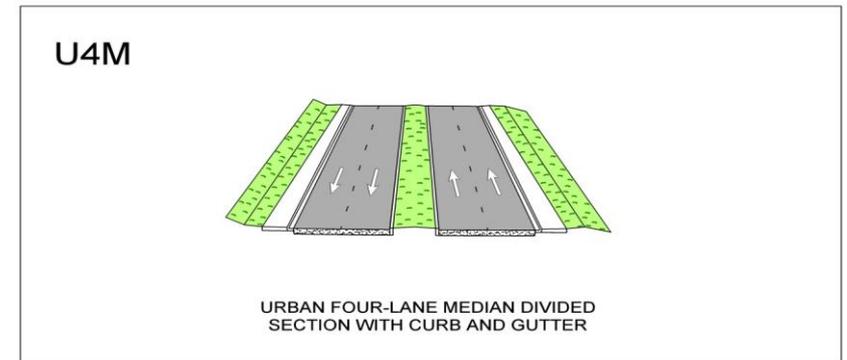
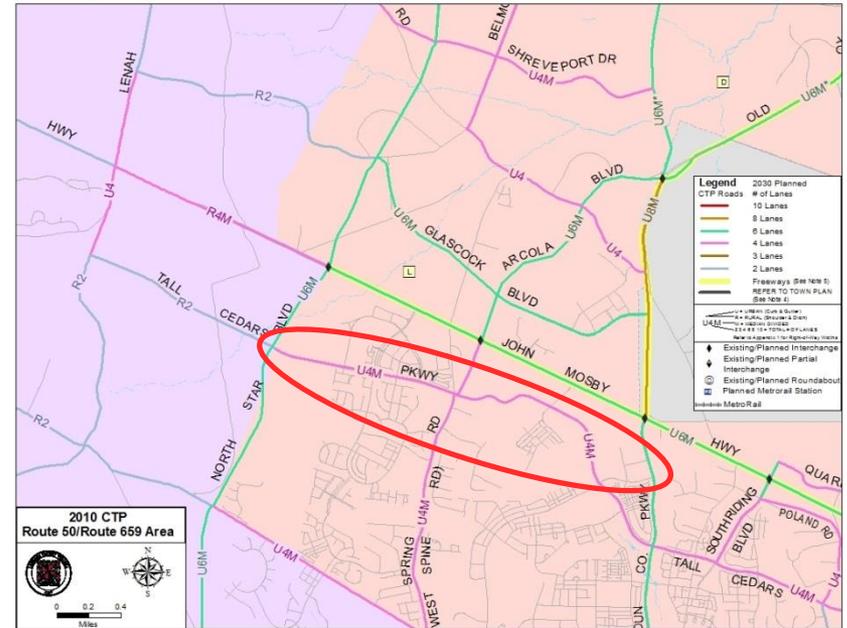
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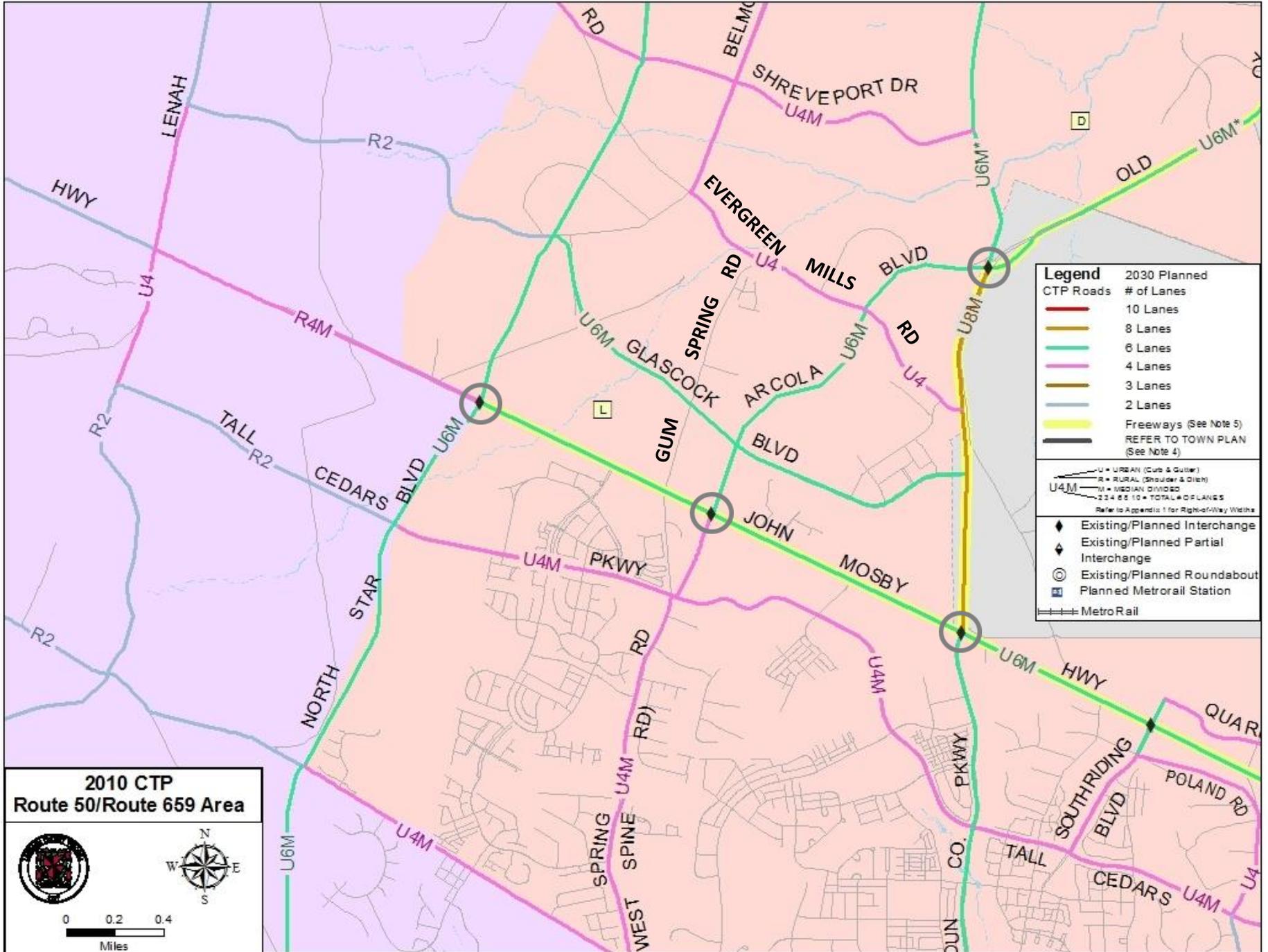


URBAN SIX-LANE MEDIAN DIVIDED SECTION WITH CURB AND GUTTER



- **Route 50 South Collector Road (Tall Cedars Parkway)**
 - Planned 4-lane controlled access roadway
 - Constructed through Stone Ridge and South Riding
 - Remaining segments between Gum Spring Road and Riding Center Drive to be constructed by County (anticipated completion 2016)





- Observations on VDOT Environmental Assessment (EA)
 - VDOT was required to exclude several planned CTP roadways from its analysis due to Federal air quality conformity requirements as these roads were not included in the adopted Constrained Long Range Plan (CLRP)
 - Corridor Widths and Interchange Study Areas in EA are defined by Federal requirements and are wider than what would actually be needed
 - With the Route 50 North Collector Road in place, there is no need for a frontage road along the north side of Route 50
 - South Riding Marketplace II Rezoning - approved right-of-way reservation for future Route 50/Route 606 interchange



VDOT - Alternative 2 2040 Traffic Volumes



VDOT - Alternative 3B 2040 Traffic Volumes



VDOT - Alternative 3C 2040 Traffic Volumes





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Level of Service (LOS)



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Questions?



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